## II. *Particular Obſervations upon different Maladies; gathered by Monſieur* Gaillard *the Son, Doctor of Phyſick, of the Faculty of* Tolouſe. *Taken from the* Journal de Savans *of the 29th of* July, *and of the 5th of* Auguſt, 1697.

*Theſe are the Obſervations in order as they were made at* Tolouſe.

1. THERE was ſeen there, Twelve Years ago, an Infant who had Two Heads; one was a ſort of a Bag, reſembling the Hood of a Benedictin Monk, and was faſtened to a Neck of the ſame length with the Neck of the other Head. Maſter *Peter*, ſworn Chyrurgeon, opened it in Preſence of Mr. *Bayle*, Doctor of Phyſick, and Maſter of Arts, and Maſter *Carboneau*, ſworn Chyrurgeon. The Waters having run out, this Swelling evaniſht; the Neck did not ſo, that part of it which was next to its Original, and which had about the length of Two Inches and an Half, was made up of Fleſh. This Child lived Fifteen Days.

2. In the Suburb St. *Cyprien*, near to the Hoſpital of St. *Joſeph of Grace*, Mr. *Soye*, a Skilful Surgeon, having opened the Daughter of a Cap Maker, dead of the Kings Evil, in the Month of *April*, 1685. remarkt, That the Glands of the Meſentery were petrified, moſt of them were about the bigneſs of a Walnut, and others of a Small Nut; in ſome of them, being opened, he found about a Dozen of Stones.

3. Mr. *Bouſquet*, Citizen of *Toloufe*, being dead on the Eighth of *March*, 1686. of a continual Fever, and a ſpitting of Blood, accompanied with a Difficulty of Breathing, Mr. *Delpech*, ſworn Surgeon, opened him in Preſence of many Surgeons. He found in the Right Kidney Three little Stones, and ſome Gravel. Going down the Ureter, which was much enlarged, he found a tough Stone of the bigneſs of a Bean, lodg'd towards the lower Orifice of the ſame Paſſage: The Lungs ſtuck to the Pleua, to the Mediaſtin, the Diaphragme, and Pericardium: The Wind Pipe was full of Blood. There was ſeen in the Left Lobe, and the Back part of the Lungs, a Bony Subſtance Two Inches long, and half an Inch broad: There were Two Polypuſes in the Heart, one in each Ventricle, of the bigneſs of a Pigeons Egg, whoſe Roots were Ten Inches long; the *Vena Cava* both aſcendent and deſcendent was cover'd at its Entry into the left Ventricle of the Heart, with a Bony Matter.

4. Mr. *Soye* having, in *May* 1689. opened the *Vena Baſilica* of the Right Arm of Mad. *de St. Paul*, a Religious of the Hoſpitalers of this City, in Preſence of Mr. *Cartier*, Profeſſor of Phyſick, and Dean of the *Faculty*, obſerved a little Black Blood that ſtopt the Orifice he had made, and being willing to take it away to open the Paſſage, he found that 'twas a Polypus Ten inches long.

5. In *Sept.* 1687. the Sieur *Soye* having in the Hoſpitalers, opened a Servant Maid aged between 25, and 26. which was from time to time ſeized with a Bloody Flux, he found the Colon and part of the Meſentery ulcerated. The Mouth of this Ulcer was ſo great, that one might eaſily thruſt in his Fiſt at it. It was ſtopt with a Clew of Worms greater than it.

There

6. There happened much about the ſame Time a Paſſage, ſingular enough, in that Monaſtery, *M*—— having ſtopt on a ſudden a Flux of Blood in Madam *Maria*, who had her *Catamenia* (though ſhe had a continual Fever and a bleeding at the Noſe) before he had uſed general Medicines, ſhe fell all on a ſudden into an Apoplexy, and dying quickly after, Mr. *Soye* open'd her, in Preſence of her Father the Counſellor to the Grand Chamber, and of Mr. *Caſes* ſworn Surgeon; he found in the lateral *Sinus*, which divides the Brain from the *Cerebellum*, a Clot of Blood as big as a Hazel Nut. All the Veſſels of the Brain were very much ſwel'd and full of clotted Blood; as for the Ventricles they were full of a ſerous Humour, being about the Quantity of a *Setier*.

7. That which was remarkt in Madam *le Gendre*, who dyed a Maid of Eighteen Years Old, about the End of *November* 1693. ſeems more conſiderable. This Gentlewoman who was ſubject to great Head-aches, and almoſt continual Faintings, and Convulſive Fits, was, the Two laſt Years of her Life, ſo ſtrongly ſeiz'd with them, that ſhe became Blind of them, and continued in that Condition Two or Three Months. After Death ſhe was open'd by Mr. *Joye*, in the Preſence of Mr. *Thouron*, Doctor of Phyſick; when he came to the Grey Subſtance of the Brain, he found above the Ventricles between the Cortical Subſtance and the Callous Body, a lump of Fleſh, reſembling the Stomach of a Gooſe. Immediately after the Callous Body in the foremoſt Ventricles did appear an Ulcer from which came out about a *Setier* of Matter.

8. In the beginning of *September*, 1695. Monſieur *Soye* opening the Gall Bladder of a Widow of Nineteen Years Old, he found there a Stone altogether like a Hens Egg, that part of the Liver which was near, was hurt, and

her Matrix Scirrhous. She had for Two Years the Yellow Jaundice.

9. The ſame M. *Soye*, having in *Sept.* 1696. open'd a Child of Mr. *Roye* Notary, in Preſence of Mr. *Lambert*, Doctor of Medecine, found in the Ventricles of the Brain a *Setier* of Water.

10. In another Child of Mr. *Hugonien*, Woollen Draper, which he opened much about the ſame Time, and which was about Two Years Old, he found in the Right Ventricle of the Heart, a Polipus as big as a Pigeons Egg, and in the Left Ear coagulated Blood of the Bigneſs of a Walnut; he found moreover in the little Lobe of the Lungs Two Ulcers very diſtinct, from each of which there iſſued a *Setier* of Matter. The Ureter of the Left Kidney was diſtended an Inch, and its Paſſage ſtopt by Phlegm ſo hardned, that ſcarcely could a Knife cut it.

11. Madam *de l' Etcarre*, about Twenty Six Years of Age, and ſubject to great Diſeaſes, was opened in the beginning of *October* 1695. by M. *Soye*, in Preſence of M. *Lambert*; he ſaw the Veſſels that brought the Blood to the Membranes of the Brain, were greatly ſwell'd, and full of Polipus's; of them we drew out Twelve, ſome Four Inches long, and ſome Three.

12. In the Beginning of this Year 1697. the Wife of M. *Maſoc*, Merchant, being Forty Years Old, who had Four or Five Children, had the ſame Symptoms which happen to Women near their Labour. M. *Soye* was called to her, and ſeeing that ſhe ſuffer'd ſuch a Loſs as happens to Women before their bringing forth, or upon ſome Hurt, made ready for laying of her. We ſaw preſently a Falſe Conception, which appear'd at the inner Orifice of the Matrix; this he pull'd out, perceiving it looſe from its Ligaments. This falſe Conception was of the bigneſs of a Gooſe Egg, and ſhapt like a Kidney:

Kidney: There was alſo ſo great a Similitude between the Structure of the Kidney, and this Maſs of Fleſh, that the Fibres were wholly alike. This Woman ſaid, that this Falſe Conception had been Two Years in her Matrix. After it was out, ſhe had the ſame Loſs of Blood, as in her other Lyings in, and keeping to the ſame Courſe as ſhe uſed in ſuch Occaſions, ſhe had no bad Conſequences of it.

13. There was obſerved in a Child newly born, and in due time, that it had nothing of the Bone in the hinde part of the Head, the Temporal Bones, nor of the Frontal Bone as far as the Eyes, ſo that the Eyes made an Appearance of Two Horns, which the Calves have when they come into the World, which ſtanding much out, made the Child's Face very monſtrous. In the Temporal Bones there was nothing ſeen but what encloſed the Organ of the Hearing; upon laying the Hand upon it was felt the beating of the Arteries, and the Veſſels which watered the *Pia* and *Dura Mater*, were ſeen diſtinctly, as if the Bone had been taken off. This Child lived in this State, Four or Five Days, and received Baptiſm before it died.

14. M. *Soye* the Younger, a Surgeon, having open'd a Young Girl, found her Matrix ſo ſchirrous, that it ſeem'd to be made but of one Piece.

15. The ſame obſerved ſince, ſuch a thing in a Girl Two Years old, that died of an Apoplexy; he found alſo Four Glands in the Meſentery of this Maid, each as big as a Walnut; he has ſince ſeen that the Meſentery of a Child Seven or Eight Years Old, was made of Two Glands, each of the ſame bigneſs.

16. M. *Barriere*, ſworn Surgeon, found in a Girl of Eleven or Twelve Years Old, inſtead of a Matrix, a very thin Membrane placed where the Matrix is. The *Vagina* in the outward Orifice was ſhut up Hermetically,

cally, *i. e.* the Cover was of the ſame Piece with the Matrix.

17. Mr. *Carlan*, ſworn Surgeon; having obſerv'd in a Man a Swelling as big as a Pullets Egg, upon the Place call'd *Fontanella*, and cover'd with Hair like the reſt of the Head, apply'd to it *Emplaſtrum de Betonica*, by order of M. *Dufaur* Profeſſor of Surgery, and the Swelling diſappear'd.

---

## III. *The Anatomical Hiſtory of the Leech. By Sieur* Francois Poûpart. *Taken from the* Journal des Savans, *of the 22th of* July, 1697.

ITS Upper Lip is ſtretched out into a Point, and falls upon the Under, which is Round like a Crecent, and ſhorter. Its Throat on the Inſide is covered with a great many White Muſcles, about Five or Six Lines long, as big as a ſmall Thread, and lying parallel one to another, along its Body.

When the Leech applies its Mouth to the Fleſh of any Animal, all theſe Muſcles contracting themſelves, ſhe ſucks it with ſo great Violence and Greedineſs, that ſhe makes it enter in Form of a little Pap into its Throat. So that all the Effect of Suction terminating in a very little Space, of neceſſity the Fleſh muſt break in that Place: For you muſt not believe that the Leech pierces it as with a Needle, as many others write.

There is ſeen at the End of its Tail, a little flat thing, exactly round the Border of which, is elevated far above the Tail, and all round it, which it applies ſo uni-